

OLD MOUNTAIN VIEW – ALVISO ROAD BRIDGE REPLACEMENT

COMMUNITY MEETING



February 5, 2015

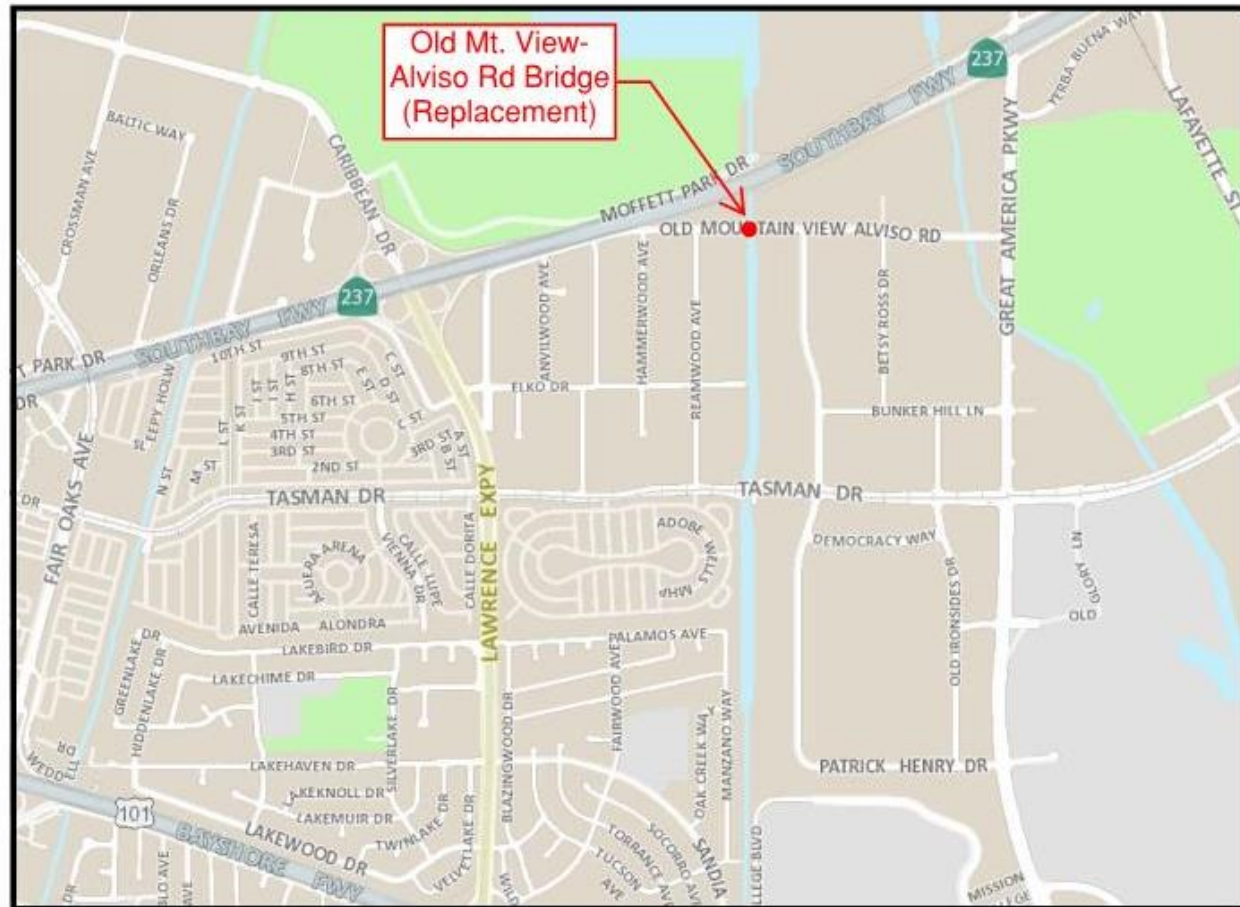


TONIGHT'S AGENDA

- Welcome
- Project Introduction
- Project Overview
- Opportunities to Participate
- Questions and Discussion



PROJECT LOCATION



PROJECT BACKGROUND

- Old Mountain View – Alviso Road Bridge:
 - Constructed: 1960s
 - Lengthened: 1974
 - Seismic retrofits: 1991 and 1997



PROJECT BACKGROUND

- Regularly inspected by Caltrans
 - 2005 sufficiency rating of 52.9
 - 2010 sufficiency rating of 50.9
 - 2014 sufficiency rating of 45.0
- Local Highway Bridge Program
 - Bridge must be structurally deficient and have a sufficiency rating of 50.0 or lower
- Maintained by the City of Sunnyvale



PROJECT PURPOSE

To improve bridge access for all users – motorists, pedestrians, and cyclists, while enhancing safety and ensuring the bridge is removed from the Federal Highway Administration (FHWA) Eligible Bridge List (EBL)



PROJECT GOALS

- Bridge Replacement (in kind)
- Provide bike lanes across bridge
- Extend sidewalk to Reamwood Avenue
- Minimize environmental impacts
- Minimize impacts to traveling public

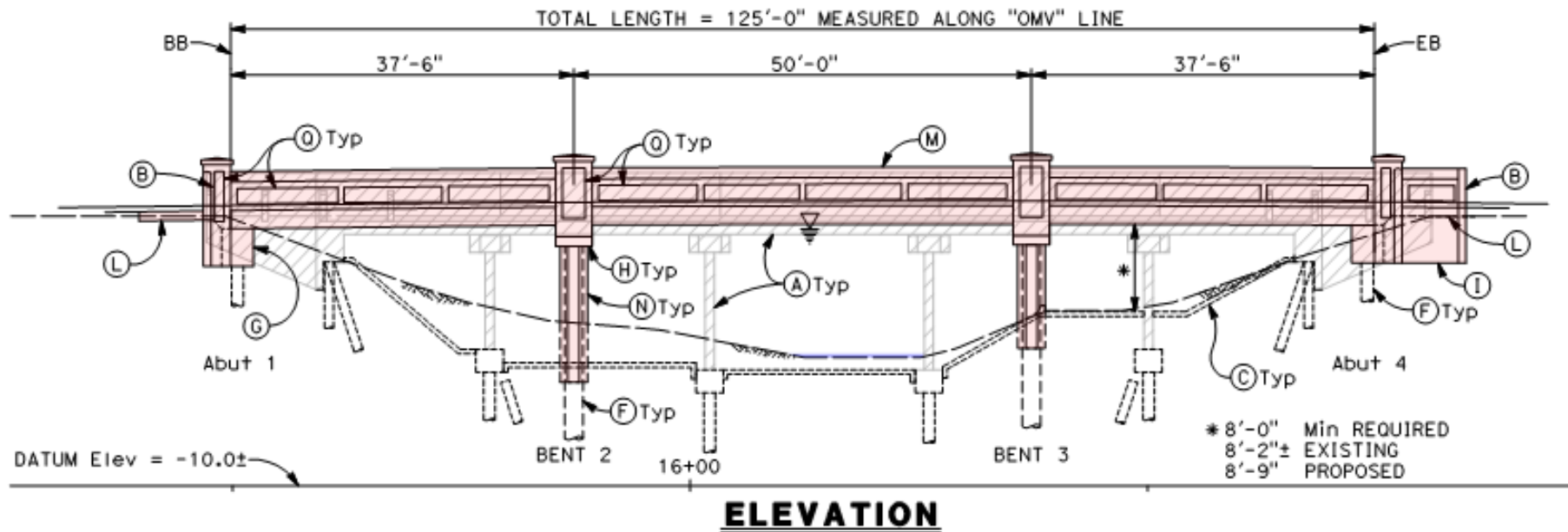


PROJECT OVERVIEW

- Project Components
- Project Impacts
- Construction Staging
- Key Benefits
- Project Schedule



PROJECT COMPONENTS - BRIDGE



[illegible]
$$1/4'' = 1'-0''$$


PROJECT COMPONENTS – APPROACHES

- Conform to existing Santa Clara Roadway
- Widen Sunnyvale Roadway to include sidewalks
- Maintain existing driveways, Creek Trail and Maintenance SCVWD Pathway connections



Santa Clara



Sunnyvale



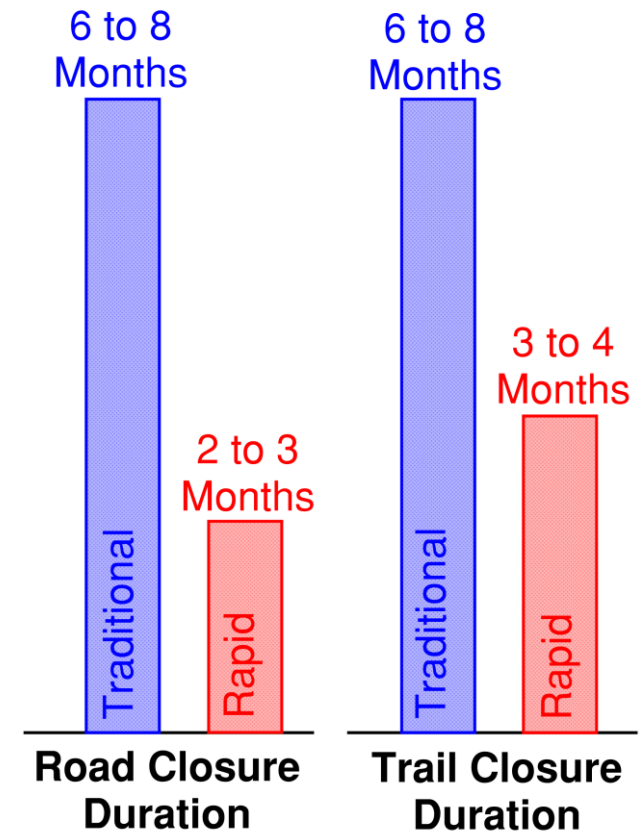
PROJECT IMPACTS

- Raise bridge to pass SCVWD Design Flood
- Utility relocation
- Permanent improvements within City right-of-way
- Temporary construction easements
- Minimize environmental impacts
- Temporary road closure
- Temporary trail closure



CONSTRUCTION STAGING

- Rapid erection methods to minimize road/trail closures
- Prefabricated steel piling
- Precast concrete bents and abutments
- Precast, prestressed superstructure
- Cast-in-place composite deck
- Cast-in-place concrete facing



KEY BENEFITS

- Improved bridge access and safety
- Eliminates bridge from Eligible Bridge List (EBL)
- Reduced environmental impacts
- Reduced community impacts
- Improved flood protection
- Improved bridge aesthetics



PROJECT SCHEDULE

- Late 2014: Preliminary roadway geometrics and bridge type selection
- Late 2015: Environmental studies and documentation
- Early 2016: Engineers finalize bridge design / construction documents
- Summer 2016: Construction begins

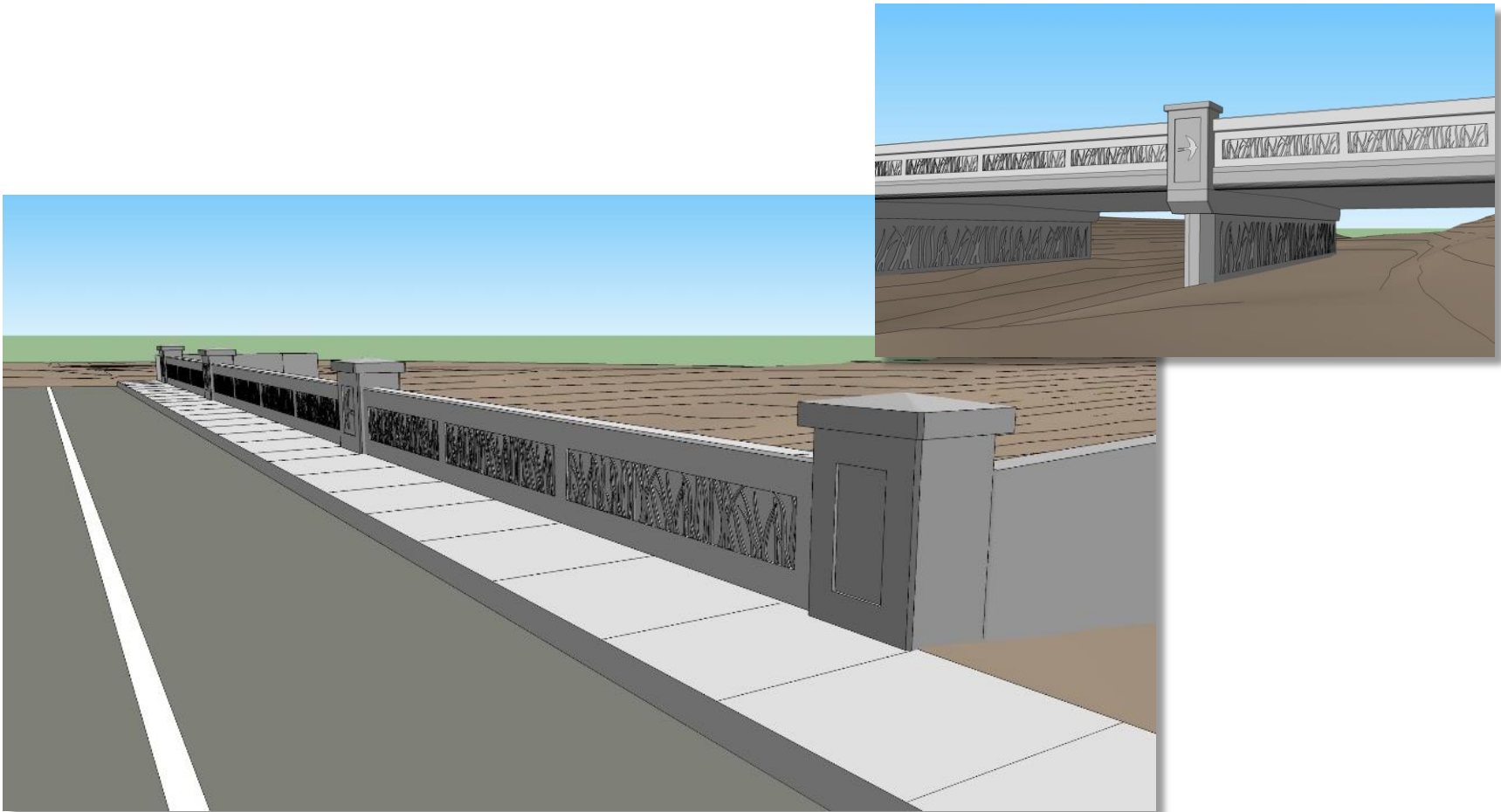


OPPORTUNITIES TO PARTICIPATE

- Community meeting
- City Website: OMV-ARBridge.insunnyvale.com
- City Project Manager:
Tanisha Werner
City of Sunnyvale
Department of Public Works
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QUESTIONS AND DISCUSSION



THANK YOU

OMV-ARBridge.insunnyvale.com

